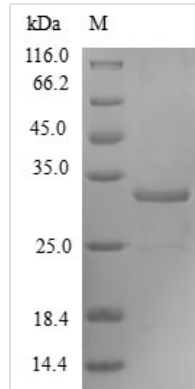




Recombinant Human Forkhead box protein M1 (FOxM1), partial

Product Code	CSB-EP008828HU
Relevance	Transcriptional factor regulating the expression of cell cycle genes essential for DNA replication and mitosis. Plays a role in the control of cell proliferation. Plays also a role in DNA breaks repair participating in the DNA damage checkpoint response.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q08050
Alias	Forkhead-related protein FKHL16 Hepatocyte nuclear factor 3 forkhead homolog 11
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	ERPPYSYAMAMIQFAINSTERKRMTLKDIIYTWIEDHFPYFKHIAKPGWKNSIRHN LSLHDMFVRETSANGKVSFWTIHPSANRYLTLDQVFKPL
Lead Time	3-7 business days
Source	E.coli
Gene Names	FOX M1
Expression Region	235-327aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-SUMO-tagged and C-terminal Myc-tagged
Mol. Weight	31.2kDa
Protein Description	Partial

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Description

Dive into the study of Forkhead box protein M1 (FOXM1), a crucial transcription factor implicated in cell cycle regulation and cell proliferation, with our Recombinant Human FOXM1 protein. FOXM1, encoded by the FOXM1 gene, is a key player in the regulation of various cellular processes, including DNA damage response, angiogenesis, and metastasis, making it an essential focus in cancer research.

Our Recombinant Human FOXM1 protein is expressed in an E.coli system and covers the 235-327aa region of the full-length protein. The N-terminal 10xHis-SUMO-tag and C-terminal Myc-tag facilitate efficient protein purification and detection in your experimental setup. This high-quality, partial-length FOXM1 protein boasts a purity greater than 90%, as validated by SDS-PAGE, providing you with a dependable research tool. Choose between liquid or lyophilized powder forms according to your laboratory needs and streamline your research endeavors.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.